



November 12, 2021

***Via Email/Sharefile***

Ms. Julia Galayda  
Bureau of Case Management  
New Jersey Department of Environmental Protection  
401 East State Street  
PO Box 28  
Trenton, New Jersey 08625-0028

**Re: Summary of Tankfield 3 Incident & Response  
Hess Corporation Former Port Reading Complex (HC-PR)  
750 Cliff Road  
Woodbridge, Middlesex County, New Jersey  
NJDEP PI# 006148  
ISRA Case No. E20130449  
EPA ID No. NJD045445483**

Dear Ms. Galayda:

On February 24, 2021, Buckeye Partners, LLC (Buckeye) observed the presence of liquid-phase hydrocarbon (LPH) on the ground surface in Tankfield 3, near tank 1216. The following is a brief summary of the incident and subsequent response activities, which included groundwater sampling and data collection.

As per the Industrial Site Recovery Act (ISRA) requirements, a Preliminary Assessment (PA) was conducted in 2015 and Tankfield 3 was identified as Area of Concern (AOC) 54. Tankfield 3 is a lined tankfield surrounded by berms and currently consists of 9 active tanks (numbered as 1215 through 1223 and 7945) (see **Figure 1**). The liner consists of a geosynthetic clay liner topped with: a non-woven geotextile, fine recycled concrete aggregate layer (6 inches thick), and then a surficial layer of stone (6-12 inches thick depending on location).

## **Description of Incident and Response:**

As noted above, the presence of LPH was observed on the ground surface in Tankfield 3 on February 24, 2021 by Buckeye. Concurrently with this observation, there was also an incident reported by Buckeye to the National Response Center (NRC) regarding Tank 1219 (also present in Tankfield 3).

The following records were located using NJDEP Dataminer:

Spill #21-02-25-0810-17, Date 2/25/2021 (Linked Incident 782332)

*Description – “Caller is reporting gasoline tank #1219 has a tilted roof which may create a potential for odor complaints in the area”*

Spill #21-03-01-0852-47, Date 3/01/2021 (Linked Incident 782493)

*Description – “NRC received via Comm Center stating – Caller is reporting a discharge of an estimated 50 barrels of a water and gasoline mixture from a storage tank due to a problem with the floating roof. The material is in the containment area. Material spilled into second containment; the material is being pumped out at this time. On scene point of contact Brandon Leehan 732-966-3635.”*

Buckeye has provided Hess/Earth Systems copies of all correspondence relating to the above incidents and all provided documentation is included as an attachment to this letter (**Attachment A**).

In response to the observed LPH in Tankfield 3, Buckeye initially retained Atlantic Response to address the issue via the use of absorbent booms and vacuum extraction.

## **Tankfield 3 Earth Systems/Hess Response Activities**

Buckeye personnel reported the presence of LPH to Hess Corporation (Hess) and Earth Systems on February 24, 2021. Earth Systems personnel immediately mobilized to the Site to inspect the area with Buckeye on the same day.

On February 25, 2021, Earth Systems observed two (2) different types of product-like material in Tankfield 3: a liquid and a more viscous, more solid -type of material. Samples were collected of both types of material and sent to SGS Laboratory (SGS) for fingerprint analysis. The liquid sample was estimated to be approximately 60-70% oil layer on top of an aqueous layer. The analysis was conducted on the oil phase only. Due to the chemical complexity of refined petroleum products, SGS utilizes a library of typical chemical analytes to compare to unknown source materials. The liquid substance was a match for gasoline and motor oil and there was no product match for the viscous sample. Laboratory reports are included in **Attachment B**.

Earth Systems, on behalf of Hess, assumed monitoring and mitigation efforts on February 26, 2021. Earth Systems retained AWT Environmental Services to provide remediation services during the response to this incident. On February 27, 2021, AWT replaced the booms initially deployed by Atlantic Response.

Following the incident, Earth Systems monitored Tankfield 3 several times a week and after rain events. LPH has not been observed at the surface of Tankfield 3 since March 3, 2021. An inspection log is included in **Attachment C**.

A total of two (2) drums of spent sorbent booms and pads were generated and disposed of offsite. Disposal manifests are included in **Attachment D**.

### Groundwater Monitoring

During the 2015 Site Investigation (SI), three (3) groundwater monitoring wells were installed in Tankfield 3 and groundwater samples are typically collected on an annual basis in November/December.

As part of the response to this incident, groundwater samples were collected from the Tankfield 3 monitoring wells on March 25, 2021. The monitoring wells are located adjacent to the location of the observed LPH. The monitoring wells were gauged prior to sampling and no product was detected in the wells. Benzene was detected at a concentration of 82.8 parts per billion (ppb) in the groundwater sample collected from monitoring well TF-2, which is a higher concentration than detected historically in this well. In addition, ethyl benzene, toluene, and xylenes were also detected in the groundwater sample collected from this well at concentrations significantly higher than historic results. A summary table of the groundwater results is included below. The location of the monitoring wells and the analytical results are summarized on **Figure 2**. Laboratory reports are included in **Attachment B**.

Well ID	Sample Date	Benzene	Ethylbenzene	Toluene	Xylenes
<b>GWQS</b>		<b>1</b>	<b>700</b>	<b>600</b>	<b>1000</b>
TF-1	11/27/2018	<b>1.4</b>	ND (0.60)	ND (0.53)	1.5
TF-1	11/7/2019	0.69	ND (0.60)	ND (0.53)	1.7
TF-1	12/11/2020	ND (0.43)	ND (0.60)	ND (0.53)	ND (0.59)
TF-1	3/25/2021	ND (0.43)	ND (0.60)	ND (0.53)	ND (0.59)
TF-2	11/27/2018	NS	NS	NS	NS
TF-2	11/7/2019	<b>1.3</b>	ND (0.60)	ND (0.53)	0.70 J
TF-2	12/11/2020	NS	NS	NS	NS
TF-2	3/25/2021	<b>82.8</b>	96.2	<b>698</b>	628
TF-3	11/27/2018	<b>6.5</b>	ND (0.60)	ND (0.53)	ND (0.59)
TF-3	11/7/2019	<b>2.8</b>	ND (0.60)	ND (0.53)	ND (0.59)
TF-3	12/11/2020	ND (0.43)	ND (0.60)	ND (0.53)	ND (0.59)
TF-3	3/25/2021	<b>16.1</b>	ND (0.60)	4.5	ND (0.59)
MDL - Method Detection Limit, ND - Non-Detect (MDL), NS - Not Sampled due to LNAPL sheen					

The Tankfield 3 monitoring wells were gauged in April, on a biweekly basis, and a discontinuous layer of product was observed in monitoring well TF-2. There was not a sufficient amount of product present to measure with a probe. A sample of the product/groundwater was collected on April 23, 2021 and sent to SGS for fingerprint analysis. The product/groundwater sample was a match for diesel/fuel oil #2 (C9-C22) and motor oil. Please note that the product sample results collected from the tankfield

surface in February 2021 identified the product match as gasoline and motor oil, which differs from the April 2021 fingerprinting results.

The laboratory report is included in **Attachment B**.

### Impacted Stone Remediation

On August 18, 2021, AWT Environmental Services, under the oversight of Earth Systems, excavated and disposed of approximately eighteen (18) tons of visually impacted stone from Tankfield 3 and subsequently backfilled the area with certified clean stone. The following section provides a summary of these remediation activities.

Earth Systems conducted an inspection of the LPH impacted area in Tankfield 3 and observed an isolated area of visually stained stone at the surface of the tankfield. On August 18, 2021, all visually impacted stone was excavated. The excavated area measured approximately 1,750 square feet (see **Figure 2**). The impacted stone was excavated using a small track skid steer and hand tools (shovels and rakes) to a maximum depth of approximately 2-inches. Visually impacted stone was only observed at the surface and a non-impacted layer of stone was encountered at the base of the excavation activities. No excavation activities extended into or breached the tankfield liner. An estimated eighteen (18) tons of impacted stone was removed for off-site disposal at a licensed facility. Disposal manifests are included in **Attachment D**. Following stone removal, the area was backfilled with certified clean ¾-inch gravel. Certified clean fill documentation is included in **Attachment E**.

Photographs of the stone remediation activities are included in **Attachment F**.

Prior to stone removal, samples were collected for waste class purposes on June 25, 2021. The waste class laboratory analytical results are included in **Attachment B**.

### Conclusions/Recommendations:

Cleanup activities were conducted by Buckeye (and their contractors) and Earth Systems (on behalf of Hess) in response to the surface LPH incident in Tankfield 3. No LPH has been observed on the surface of Tankfield 3 since March 3, 2021 and all impacted surface stone was excavated in August 2021. Based on field observations during the stone removal, it appears that all impacts were present at the surface only. This indicates that the source of the incident was due to a surficial release and not due to an issue with the tankfield liner. No additional remediation activities are recommended regarding this incident.

A Remedial Investigation Workplan (RIW) for all the complex's tankfields was submitted to NJDEP on May 10, 2021. The RIW includes recommendations for additional soil and groundwater investigation activities in Tankfield 3.

Regarding the two (2) spill cases referenced in the "**Description of Incident and Response**" section pertaining to the Buckeye incident with AST 1219, these cases will need to be managed and closed by Buckeye and are not the responsibility of Hess.



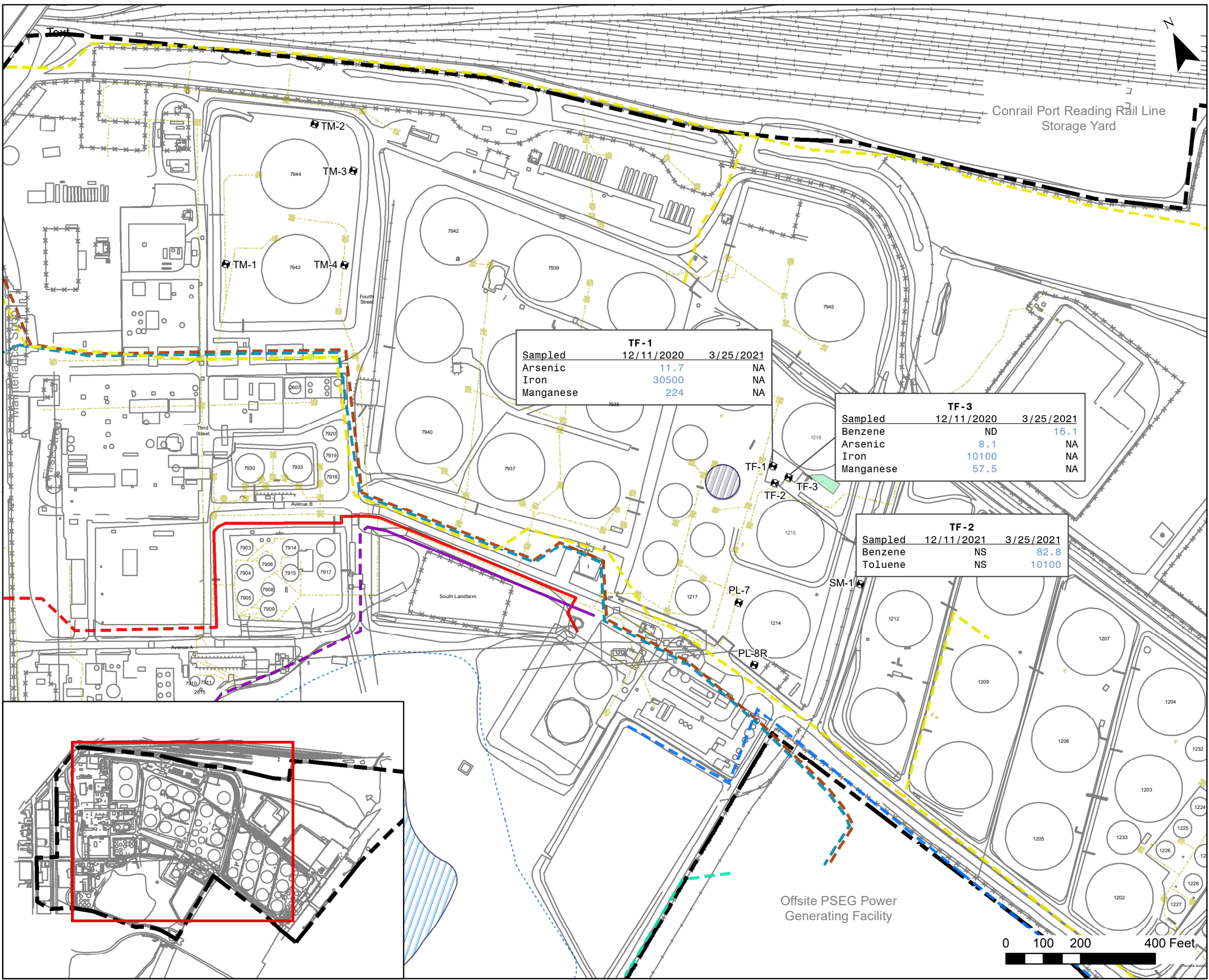
Should you have any questions or require additional clarification or information, please contact me at 732-739-6444 or via e-mail at [ablake@earthsys.net](mailto:ablake@earthsys.net). If you have any questions relating to the project, you can also contact Mr. John Schenkewitz of Hess Corporation at 609-406-3969 or [jschenkewitz@hess.com](mailto:jschenkewitz@hess.com).

Sincerely,

A handwritten signature in blue ink that reads "Amy Blake". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Amy Blake  
Sr. Project Manager

- c. Mr. Sameh Abdellatif – EPA (via email/Sharefile)
- Mr. John Schenkewitz – Hess Corporation (via e-mail)
- Ms. Krista Manley - Buckeye (via e-mail)
- Mr. Rick Ofsanko – Earth Systems (via e-mail)
- Mr. John Virgie – Earth Systems (via e-mail)
- Mr. Frank Sanclementi – Earth Systems (via e-mail)



**Legend**

- Site Boundary
- Monitoring Well
- AOC 12 Extent
- Detention Basin Present Extents
- Sitewide Utilities
- 10" Spectra Natural Gas Pipeline
- 12" Spectra Pipeline
- 24" Outfall
- Buckeye Petroleum Pipeline - 608
- Buckeye Petroleum Pipeline - 609
- Colonial Pipeline
- Williams Pipeline
- Tank 1219
- Daylighting Area

**NJ Groundwater Criteria**

Substance	Criteria
Benzene	1
Toluene	600
Arsenic	3
Iron	300
Manganese	50

**NOTE:**

- All results measured in ug/l
- TF-2 was not sampled in December, 2020
- Pipelines:
  - Solid Line - Aboveground
  - Dotted Line - Underground
- NA - Not analyzed
- NS - Not sampled due to LNAPL
- a - Motor oil

**FIGURE: 1**

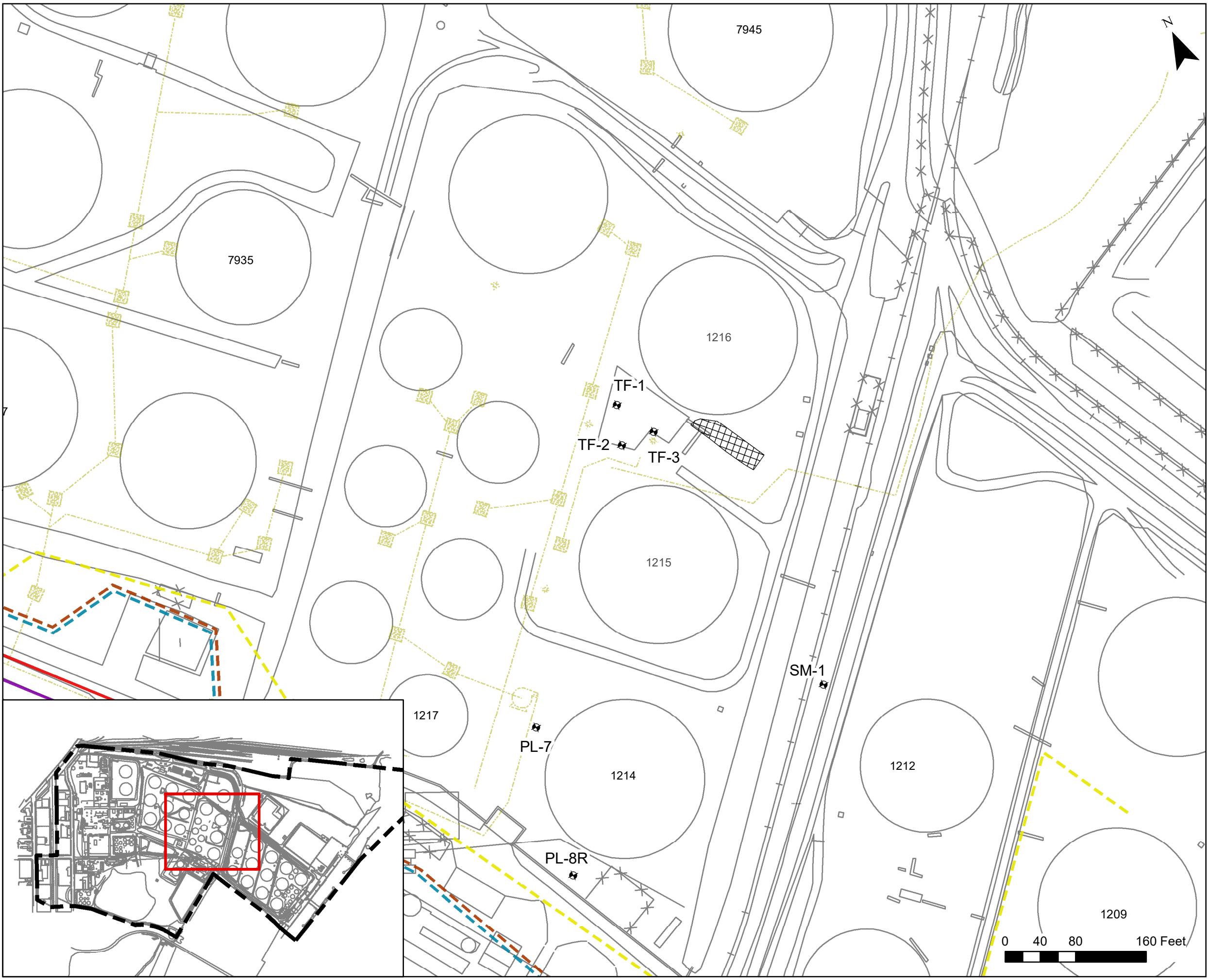
**Tankfield 3 Analytical Results**

**HESS CORPORATION**  
**FORMER PORT READING COMPLEX**  
**750 CLIFF ROAD**  
**PORT READING, NEW JERSEY**

<b>Project #:</b>	1114J01	<b>Drawn:</b>	6/02/2021
<b>SRP PI#:</b>	006148	<b>Drawn By:</b>	AE

**Earth Systems**  
Environmental Engineering  
1625 Highway 71, Belmar, NJ 07719  
T. 732.739.6444 | F. 732.739.0451

This map was developed using New Jersey Department of Environmental Protection Geographic Information System Digital Data, but this secondary product has not been verified by NJDEP and is not state Authorized. Source: NAD 1983 (2011) New Jersey State Plane FIPS 2900 US FT.



Legend

- Site Boundary
- Stone Remediation Area
- Monitoring Well
- Sitewide Utilities
- 10" Spectra Natural Gas Pipeline
- 12" Spectra Pipeline
- Buckeye Petroleum Pipeline - 608
- Buckeye Petroleum Pipeline - 609
- Colonial Pipeline

NOTE:  
1. Pipelines:  
Solid Line - Aboveground  
Dotted Line - Underground

FIGURE: 2  
Stone Remediation  
Area Outline

HESS CORPORATION  
FORMER PORT READING COMPLEX  
750 CLIFF ROAD  
PORT READING, NEW JERSEY

Project #:	1114J01	Drawn:	9/17/2021
SRP PI#:	006148	Drawn By:	AE



Environmental Engineering  
1625 Highway 71, Belmar, NJ 07719  
T. 732.739.6444 | F. 732.739.0451

This map was developed using New Jersey Department of Environmental Protection Geographic Information System Digital Data, but this secondary product has not been verified by NJDEP and is not state Authorized. Source: NAD 1983 (2011) New Jersey State Plane FIPS 2900 US FT.

# Attachment A





## BUCKEYE PORT READING TERMINAL, LLC

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Five Tek Park  
9999 Hamilton Blvd.  
Breinigsville, PA 18031  
Tel (610) 904-4000  
Fax (610) 904-4549

May 28, 2021  
Bureau of Release Prevention  
New Jersey department of Environmental Protection  
401 East State St  
Trenton, NJ 08625

### MEMORANDUM

SUBJECT: BUCKEYE PORT READING TERMINAL  
NON-REPORTABLE RELEASE  
NJDEP Case # 21-03-01-0852-47

To whom it May Concern,

The following information has been provided for your file and information:

At approximately 0630 on 3/1/2021, an Operator conducting rounds at Port Reading identified a sheen in the tank dike adjacent to TK 1219. This tank was in the process of being completely emptied because of an external floating roof issue. The tank was stripped out of free product (tank was in premium gasoline service) and over the weekend the tank was being monitored to allow for ice to melt so that the remaining product/water mixture could be removed. The release point appeared to be coming from the chime of the tank. It was estimated that approximately 50 bbls of product/water mixture was released from the tank. The product/water mixture was contained within dike containment and no product/water mix has migrated off site. The Tank is USDOT PHMSA jurisdictional Tank.

Enclosed is a summary of field observations made at Tank 1219 on March 31, 2021 and April 5, 2021 by Buckeye's LSRP.

The release is not a NJDEP reportable release.

If You have any questions, please do not hesitate to contact me at 732-754-6672.

Regards,

Monika Niedbala

HSSE Sr.Specialist  
Buckeye Port reading Terminal  
750 Cliff Rd  
Port Reading, NJ 07064



## BUCKEYE PORT READING TERMINAL LLC

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750 Cliff Road  
Port Reading, NJ 07064

March 18, 2021

Mr. Chris Odgers  
New Jersey Department of Environmental Protection  
Bureau of Air Compliance & Enforcement – Central Regional Office  
Mail Code 22-03A  
401 East State Street  
P.O. Box 420  
Trenton, New Jersey 08625-0420

**Re: Tank 1219 Floating Roof Repair and 7-Day Refill Notification  
Buckeye Port Reading Terminal, LLC (PIN 17996)**

Dear Mr. Odgers,

In accordance with the reporting and record keeping requirements of NESHAPS Subpart 6B referencing 40 CFR Part 60.113b (a) (5), Buckeye is providing this floating roof tank refill notification. The facility is submitting a 7-day tank refill notice for an unplanned repair and roof inspection for Tank 1219 at the Buckeye Port Reading Terminal. The tank is expected to be refilled in early April. If you have any questions, please contact Fran Lindsley-Matthews at 732-738-2065 or at [flindsley-matthews@buckeye.com](mailto:flindsley-matthews@buckeye.com).

Sincerely,

*Ed Buchalski*

Ed Buchalski  
Senior Operations Manager

**VIA CERTIFIED MAIL – RETURN RECEIPT REQUESTED 7016 0910 0000 5302 5287**

Cc by Certified Mail 7016 0910 0000 5302 5300 to:

United States Environmental Protection Agency, Region II, Air Compliance Branch, 290  
Broadway, New York, New York 10007-1866

Cc by Email to:

F. Lindsley-Matthews, M. Boylan, M. Niedbala



### Direct Knowledge Official Signature Statement

Pursuant to N.J.A.C. 7:27-1.39(a)1: "I certify, under penalty of law, that I believe the information provided in this document is true, accurate and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fine or imprisonment or both, for submitting false, inaccurate or incomplete information."



Signature: \_\_\_\_\_ Date: 3/16/21


Print: Fran Lindsley-Matthews

Title of Direct Knowledge Official: Senior Specialist, Air Compliance

Telephone: 732-738-2065

### Responsible Official Signature Statement

Pursuant to N.J.A.C. 7:27-1.39(a)2: "I certify, under penalty of law, that I have personally examined and am familiar with the information submitted in this document and all attached documents and, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil criminal penalties, including the possibility of fine or imprisonment or both, for submitting false, inaccurate or incomplete information."

Signature:  Operations manager  
on behalf of Ed  
Buchalski Date: 3/18/21

Print: Ed Buchalski

Title of Responsible Official: Senior Operations Manager

Telephone: 347-452-8816

535 Route 38 East, Suite 355  
Cherry Hill, New Jersey 08002

T: 856.330.9400  
F: 856.330.9401



April 26, 2021

Ms. Monika Niedbala  
Buckeye Port Reading Terminals, LLC  
HSSE Compliance - Environmental, East Region - Northeast Area  
750 Cliff Road  
Port Reading, NJ 07064

Subject: Tank 1219 – Field Observations  
Buckeye Port Reading Terminal  
Port Reading, New Jersey

Dear Ms. Niedbala:

Brown and Caldwell (BC), on behalf of Buckeye Port Reading Terminals, LLC (Buckeye), has prepared this letter report to summarize field observations made at Tank 1219 on March 31, 2021 and April 5, 2021. Tank 1219 is a steel, 2,258,256 million gallon, gasoline aboveground storage tank, constructed in 1960. The tank is located in the third tank field containment area with Tanks 1215 through 1223. A secondary containment liner system was installed in the third tank field in 2020.

On March 31, 2021, Mr. Scott Nelson, P.E., LSRP of Brown and Caldwell (BC) visited the site to meet with Buckeye and to inspect the tank and containment area to confirm that a recent release has not impacted groundwater and therefore can be defined as a leak. Residual product and/or stormwater was not observed in the tank field containment area and product was not present around the edges of the tank. The area was dry and no visual impacts or odors were present. BC was prepared to collect soil samples from below the tank to determine if product and/or impacted soil was present below the floor. With the assistance of Atlantic Response, under Confined Space Entry protocol, it was determined that soil samples could not be collected due to concrete that was present directly below the hole in the tank bottom.

In order to determine if concrete is present below other areas of the tank bottom, Buckeye installed a second hole in the tank bottom on April 5, 2021. Mr. Scott Nelson, P.E., LSRP of BC was present on April 5, 2021 to inspect the tank bottom and to collect soil samples from below the tank, if possible. With the assistance of Atlantic Response, under Confined Space Entry protocol, it was determined that concrete was present below the second hole in the tank bottom and therefore, soil samples could not be collected.

Ms. Monika Niedbala  
Buckeye Port Reading Terminals, LLC  
April 26, 2021  
Page 2

Based on the information presented in this letter, and the findings of the March 31, 2021 and April 5, 2021 site inspections, the gasoline released into the tank field containment area did not migrate into the subsurface below the tank due to the concrete present below the tank. The gasoline that was released was contained within the tank field containment area due to the liner system and was immediately recovered by Atlantic Response. BC recommends no further action with respect to Tank 1219.

Very truly yours,

**Brown and Caldwell**

A handwritten signature in black ink, appearing to read 'S. Nelson', with a long horizontal flourish extending to the right.

Scott Nelson, PE, LSRP  
Brown and Caldwell

cc: Krista Manley, Buckeye Port Reading Terminal, LLC

**Attachment B**  
(See Separate Electronic File)

# Attachment C

ATTACHMENT - C Tankfield 3 Inspection Log		
Date	Tankfield 3 Inspection Time	Notes/Comments
3/8/2021	11:00am	No LPH or sheen observed.
3/10/2021	1:15pm	No LPH or sheen observed.
3/11/2021	1:45pm	No LPH or sheen observed.
3/12/2021	1:30pm	No LPH or sheen observed.
3/15/2021	2:05pm	No LPH or sheen observed.
3/16/2021	11:00am	No LPH or sheen observed.
3/18/2021	10:30am	No LPH or sheen observed.
3/19/2021	12:15pm	Raining during inspection event. No LPH or sheen observed.
3/22/2021	12:30pm	No LPH or sheen observed.
3/23/2021	12:20pm	No LPH or sheen observed.
3/24/2021	12:10pm	No LPH or sheen observed.
3/25/2021	10:30am	Rained the prior day/evening. No LPH or sheen observed.
3/26/2021	1:45pm	No LPH or sheen observed.
3/29/2021	12:45pm	No LPH or sheen observed.
3/30/2021	9:30am	No LPH or sheen observed.
3/31/2021	1:00pm	No LPH or sheen observed.
4/1/2021	1:00pm	Rained the prior day/evening. No LPH or sheen observed.
4/2/2021	4:09pm	No LPH or sheen observed.
4/5/2021	3:15pm	No LPH or sheen observed.
4/6/2021	8:00am	No LPH or sheen observed.
4/7/2021	10:30am	No LPH or sheen observed.
4/8/2021	2:40pm	No LPH or sheen observed.
4/9/2021	10:50am	No LPH or sheen observed.
4/12/2021	11:15am	Rained the prior day/raining during site inspection. No LPH or sheen observed.
4/13/2021	4:26pm	No LPH or sheen observed.
4/14/2021	11:30am	No LPH or sheen observed.
4/15/2021	1:45pm	Raining during site inspection. No LPH or sheen observed.
4/16/2021	10:25am	No LPH or sheen observed.
4/19/2021	1:20pm	No LPH or sheen observed.
4/21/2021	10:00am	No LPH or sheen observed.
4/22/2021	10:45am	Thunderstorms/rain over past 24 hrs., no precipitation during site visit. No LPH or sheen observed.
4/23/2021	11:24am	No LPH or sheen observed.
4/26/2021	10:00am	Rained the prior day. No LPH or sheen observed.
4/27/2021	10:15am	No LPH or sheen observed.
4/28/2021	1:43pm	No LPH or sheen observed.
4/30/2021	9:15am	Rained the prior day. No LPH or sheens observed.
5/3/2021	1:10pm	No LPH or sheen observed.
5/4/2021	10:48am	Rained the prior evening. No LPH or sheen observed.
5/5/2021	11:45am	Rained the prior evening. Cloudy during site visit. No LPH or sheen observed.
5/6/2021	10:21am	Intermittent light rain showers the previous afternoon and evening. No LPH or sheen observed.
5/7/2021	11:05am	No LPH or sheen observed.
5/10/2021	2:45pm	Rain the prior evening. No LPH or sheen observed.
5/12/2021	9:30am	Rain the prior evening. No LPH or sheen observed.
5/14/2021	10:20am	No LPH or sheen observed.
5/19/2021	10:30am	All booms were removed by Buckeye on 5/18/21. No LPH or sheen observed.
5/21/2021	10:30am	No LPH or sheen observed.
5/24/2021	1:00pm	No LPH or sheen observed.
5/26/2021	10:29am	No LPH or sheen observed.
5/27/2021	11:49am	No LPH or sheen observed.
5/28/2021	11:01am	No LPH or sheen observed.
6/1/2021	11:00am	No LPH or sheen observed.
6/4/2021	12:30pm	Intermittent thunderstorms. No LPH or sheen observed.
6/9/2021	11:30am	Thunderstorms the prior afternoon and evening. No LPH or sheen observed.
6/11/2021	8:15:am	No LPH or sheen observed.
6/17/2021	11:04am	No LPH or sheen observed.



# Attachment D

# **WELDON MATERIALS, INC.**

## **TECHNICAL SERVICES**

**141 CENTRAL AVENUE, WESTFIELD, NJ 07090**

**(908) 233-4444 ext. 2288 FAX (908) 233-4215**

**email: rarocha@weldonmat.com**

**July 27, 2021**

**MADDOX MATERIALS, LLC**

**Email / Fax: email**

**Attn: Bill Maddox Jr**

**Reference: Projects # 17620 and 17704**

**750 Cliff Road**

**Port Reading, NJ**

**Material: 1 ½" and ¾" CRUSHED STONE**

**To whom it may concern:**

**We certify that the aggregates to be purchased for the project in reference are produced by Fanwood Crushed Stone Company established and mining since 1907, from sources of virgin basalt indigenous to the region. These aggregates are free from contamination, and have not been subject to a discharged hazardous substance at any time; when produced, and stockpiled at our quarry in Watchung, NJ**

**Our Quarry is located at:**

**# 1 New Providence Road**

**Watchung, NJ**

**Somerset County.**

**Block #: 7601, Lots #: 4, 5, 6, 13, 19, 20, 25, 26, 27, and 28**

**Mine Certificate #: 004840**


**Sincerely,**

  
**RICARDO AROCHA**  
**TECHNICAL SERVICES**

# **Attachment E**

# Straight Bill of Lading

Please type or print

<b>Generator</b>		1. Generator EPA ID # (if applicable) <b>NJD045445483</b>	2. Page 1 of <b>2</b>	3. Emergency Response # <b>908-354-0210</b>	4. Document Tracking Number <b>ACV 086223</b>	
	5. Generator Name and Mailing Address <b>HESS PORT READING TERMINAL 601 JACK STEPHAN WAY WEST TRENTON, NJ 08628</b>  Generator Phone: <b>610-390-4172</b>			Generator's Site Address (if different) <b>HESS PORT READING TERMINAL ( COMPANY) CC 750 CLIFF ROAD PORT READING, NJ 07064</b>  ACV Job Number:		
	6. Transporter 1 Company Name <b>ACV ENVIRONMENTAL SERVICES, INC</b>			US EPA ID Number (if applicable) <b>NJD003812047</b>		
	7. Transporter 2 Company Name			US EPA ID Number (if applicable)		
	8. Designated Facility Name and Mailing Address <b>CYCLE CHEM, INC. 217 SOUTH FIRST STREET ELIZABETH, NJ 07206</b>			US EPA ID Number (if applicable) <b>NJD002200046</b>		
<b>Generator</b>	8. Designated Facility Phone: <b>908-355-5800</b>					
	9a. HM	9b. Material Description (Proper shipping name required if DOT Hazardous Material)	10. Containers		11. Total Quantity	12. Unit (Wt/Vol)
			No.	Type		
		1. <b>NON DOT NON RCRA PETROLEUM MIXTURE SOLID</b>	<b>X X 1</b>	<b>DM</b>	<b>100</b>	<b>P 27</b>
		2. <b>NON DOT NON RCRA REGULATED MATERIAL</b>	<b>X X 3</b>	<b>DM</b>	<b>300</b>	<b>P 27</b>
	3. <b>NON REGULATED MATERIAL</b>	<b>X 1 1</b>	<b>DM</b>	<b>3000</b>	<b>P 72</b>	
	4. <b>NON DOT NON RCRA REGULATED MATERIALA (SPENT CARBON)</b>	<b>X X 8</b>	<b>DM</b>	<b>1000</b>	<b>P 27</b>	
14. Special Handling Instructions and Additional Information <b>D75909 SO 78385 LDR on File SFSO# 35X55</b>  <b>1)Profile#89142 (M010) #6 FUEL OIL SPILL DEBRIS 2)Profile#63648 SPENT BAG FILTER 3)Profile#42634 (M016) PETROLEUM CONTAMINATED WELL WATER 4)Profile#63651 SPENT CARBON</b>						
16. Generator/Offor's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded and are in all respects proper condition for transport according to applicable international and national governmental regulations.						
<b>Transporter</b>	Printed/Typed Name <b>X Agent of HESS</b>		Signature <b>X Agent of HESS</b>		Month <b>03</b>	Day <b>08</b>
	17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name <b>Trans Dem</b>		Signature <b>T -</b>		Month <b>03</b>	Day <b>08</b>
	18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month	Day
					Year	
<b>Facility</b>	19. Discrepancy Indication Space (to be completed by Designated Facility)					
	20. Discrepancy Facility: Certification of receipt of the materials covered by this shipping paper except as noted in item 19 Printed/Typed Name Signature Month Day Year					

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST  
(Continuation Sheet)

19. Generator ID Number

NJD045445483

20. Page

2 of 2

21. Waste Tracking Number

ACV086223

22. Generator's Name

HESS PORT READING TERMINAL ( COMPANY) CODE 0440 )  
750 CLIFF ROAD  
PORT READING, NJ 07064

23. Transporter

Company Name

ACV Environmental inc

U.S. EPA ID Number

NTD0003812047

24. Transporter

Company Name

U.S. EPA ID Number

25. Waste Shipping Name and Description

5) NON REGULATED MATERIAL

26. Containers

No.

Type

27. Total  
Quantity28. Unit  
Wt./Vol.

X12

DM

5000

P

27

29. Special Handling Instructions and Additional Information

5) Profile# 44499 SPENT MET SORB

Document #: D75909

30. Transporter

Acknowledgment of Receipt of Materials

Printed/Typed Name

T. Adams Domi

Signature

T-2

Month Day Year

03 05 21

31. Transporter

Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

32. Discrepancy

H141



**FREEHOLD CARTAGE INC.**P.O. BOX 5010 • FREEHOLD, NJ 07728-5010  
(732) 462-1001 • FAX (732) 308-0924**BILL OF LADING**  
FCI EPA ID NO. NJD034126164**M 406706**350 Pigeon Point Road  
New Castle, DE 19720  
Phone: (302) 658-2005  
Fax: (302) 658-2229520 Beechcraft St.  
Bartow, FL 33830  
Phone: (863) 533-4599  
Fax: (863) 533-16135533 Dunham Road  
Maple Heights, OH 44137  
Phone: (330) 835-3473  
Fax: (330) 835-3732108 Monahan Avenue  
Dunmore, PA 18512  
Phone: (570) 342-7232  
Fax: (570) 342-7367132 Myrtle Beach Hwy.  
Sumter, SC 29153  
Phone: (803) 773-2611  
Fax: (803) 773-2942

<b>SHIPPER NAME/ADDRESS</b> HESS STATE ST FORT READING, NJ		<b>PHONE</b> (AREA CODE) 704		<b>APPOINTMENT TIME</b> 09:00	
<b>FCI REP. LOADING (PRINT)</b> BARTH, FREDERICK		<b>PROCEDURE</b> RE		<b>EQUIP. SPOTTED</b> #0009	
<b>COMMENTS OR DELAYS AT SHIPPER</b> Kyle 732-948-9989		<b>EQUIP. REMOVED</b> #0009		<b>TIME AT SHIPPER</b> 12:30	
				<b>MILITARY TIME ONLY</b> 13:00	
				<b>ARRIVAL TIME</b> 12:30	
				<b>DEPARTURE TIME</b> 13:00	
				<b>EQUIPMENT USED</b>	

<b>BROKER/AGENCY - AMT ENVIRONMENTAL SERVICES, INC.</b>		<b>MANIFEST/DOCUMENT NO.</b>	
POB 17784-801		WON 153797	

(X) NM	PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA/UN/NO.	PACKING GROUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
1	TOXIC FLUORIDE HAZARDOUS	1A	1A	1A	01 CM	EST	18	T		
2										
3										

<b>SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION NUMBER</b>
---

**SHIPPER'S CERTIFICATION:** This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The materials described above were consigned to the Transporter named. The consignee can and will accept the shipment and has a valid permit to do so if required. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the shipper is obligated to pay the agreed rate offered to the contractor.

<b>PLEASE PRINT NAME/TITLE</b> Kyle Young, c/o Hess Corp	<b>SHIPPER'S SIGNATURE</b> X <i>[Signature]</i>	<b>DATE LOADED</b> 08/19/21
I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT.		MO. DAY YR.

<b>CONSIGNEE NAME/ADDRESS</b> CLEAN EARTH OF NJ 115 JACOBUS AVE KEARNY, NJ 07032		<b>PHONE</b> (AREA CODE) 704		<b>APPOINTMENT TIME</b> 09:00	
<b>FCI REP. UNLOADING (PRINT)</b> BARTH, FREDERICK		<b>PROCEDURE</b> DUMP		<b>EQUIP. SPOTTED</b> #0009	
<b>COMMENTS OR DELAYS AT CONSIGNEE</b>		<b>EQUIP. REMOVED</b>		<b>TIME AT CONSIGNEE</b> 12:30	
				<b>MILITARY TIME ONLY</b> 13:00	
				<b>ARRIVAL TIME</b> 12:30	
				<b>DEPARTURE TIME</b> 13:00	
				<b>EQUIPMENT USED</b>	

<b>PLEASE PRINT NAME/TITLE</b>	<b>CONSIGNEE SIGNATURE</b> X <i>[Signature]</i>	<b>DATE UNLOADED</b> 08/19/21
		MO. DAY YR.

AR H-0257	MD HW-187	MO H-1490	OH UPW-0190713-OH	TX 40705
CT CT-HW-307	2001-OPV-2335	ND WH-429	OK UPW-0190713-OH	WI 11602
DE DE-HW-203	ME ME-HWT-47	NH TNH-0047	ONTARIO, CANADA A 840843	WV UPW-0190713-OH
DE-SW-203	ME-WOT-47	NJ S-2285	PA PA-AH-0067	
IL UPW-0190713-OH	MI UPW-0190713-OH	15239	QUEBEC, CANADA QC-SML-047	
MA MA-294	MN UPW-0190713-OH	NY NJ-113	RI RI-535	

White - FCI Original  
Yellow - FCI Billing  
Blue - FCI Office/Customer  
Green - Retained by TSDF  
Gold - Retained by Generator

**M 406706**



2255498

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>Not Required</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>732-613-1680</b>	4. Waste Tracking Number <b>17704-1</b>
6. Generator's Name and Mailing Address <b>Hess Corporation Trenton - Mercer Airport 801 Jack Stephan Way West Trenton, NJ 08628</b>			Generator's Site Address (if different than mailing address) <b>750 Cliff Road Port Reading, NJ 07064 Middlesex</b>		
Generator's Phone: <b>609-408-3069</b>					
6. Transporter 1 Company Name <b>Freehold Cartage, Inc</b>			U.S. EPA ID Number <b>NJD054128164</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Clean Earth of North Jersey, Inc. 115 Jacobus Ave Kearny, NJ 07032</b>			U.S. EPA ID Number <b>NJD991291105</b>		
Facility's Phone: <b>973-344-4004</b>					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt/Vol.
		No.	Type		
1. Non RCRA Non DOT Material		21	CM	est. 18	T
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information <b>Approval #213081884 - Petroleum Stained Stone</b> <b>AWT P.O. # 17704-SMT</b> <b>Box # 0509</b>					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Officer's Printed/Typed Name <b>Kyle Sany</b>		Signature <b>[Signature]</b>		Month <b>8</b>	Day <b>19</b>
				Year <b>21</b>	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <b>FREDEBARTH</b>		Signature <b>[Signature]</b>		Month <b>8</b>	Day <b>19</b>
Transporter 2 Printed/Typed Name		Signature		Year <b>21</b>	
17. Discrepancy					
17a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
<b>Rec'd 21500lb</b>					
17b. Alternate Facility (or Generator)		Manifest Reference Number:		U.S. EPA ID Number	
Facility's Phone:		Received Pending Manifest Review/Quality Control Data			
17c. Signature of Alternate Facility (or Generator)				Month <b>8</b>	Day <b>19</b>
				Year <b>21</b>	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name <b>Doming MORIAS</b>		Signature <b>[Signature]</b>		Month <b>8</b>	Day <b>19</b>
				Year <b>21</b>	



IN

GENERATOR HESS  
MAN. NO. 17704-1  
TRANSPORTER PC1  
VEHICLE ID. 0509

01:49 PM 8/19/2021

52400 lb G

DRIVER ON OFF

OUT

REMARKS:

03:58 PM 8/19/2021

30900 lb G

**WEIGH-TRONIX®**

21500  
**WEIGHER**

# **Attachment F**



**Attachment F**  
**Photographic Log 8/18/2021**  
**Tankfield 3 - Stained Stone Removal Area**  
**Port Reading Terminal Woodbridge, NJ**



*Photo 1:* Tankfield 3 - Stained stone removal area 8/18/2021 8:44 AM



*Photo 2:* Tankfield 3 - Stained stone removal area 8/18/2021





Photo 3: Tankfield 3 during stone removal activities - 10:36 AM



Photo 4: Tankfield 3 during stone removal activities





Photo 5: Replacement stone installed 1:03 PM



Photo 6: Replacement Stone installation completed.





*Photo 7:* Secured stain stone roll-off